FIG. 1a

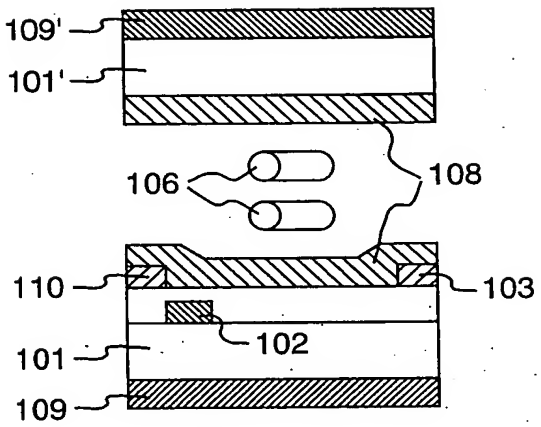

FIG. 1b

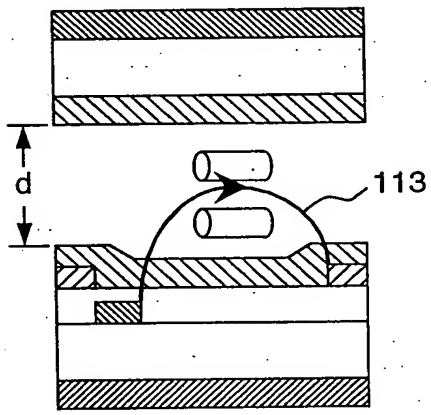

FIG. 1c

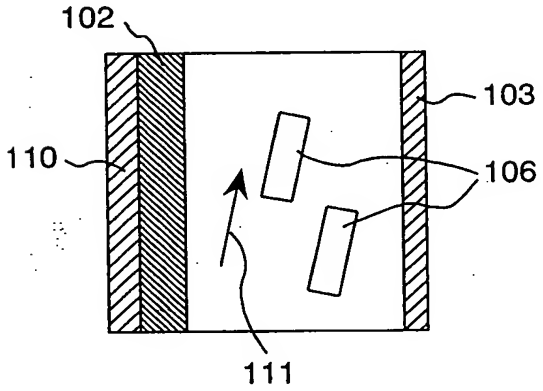

FIG. 1d

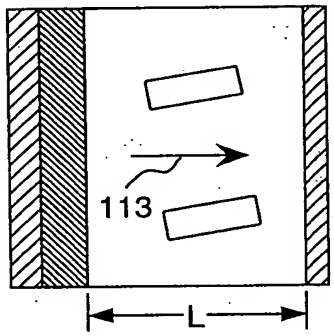

FIG. 2

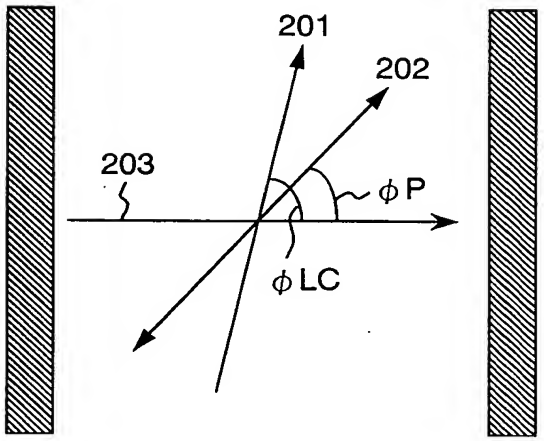

FIG. 3

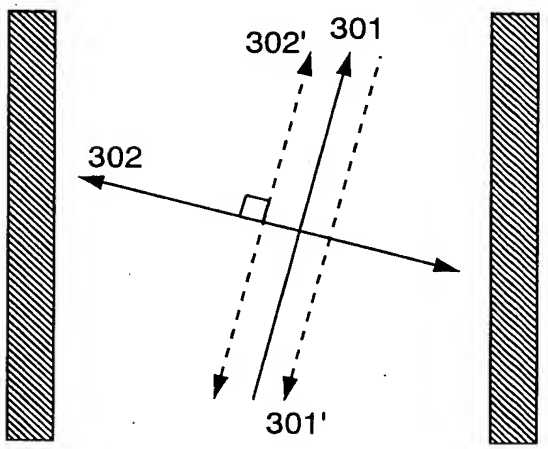

FIG. 4a

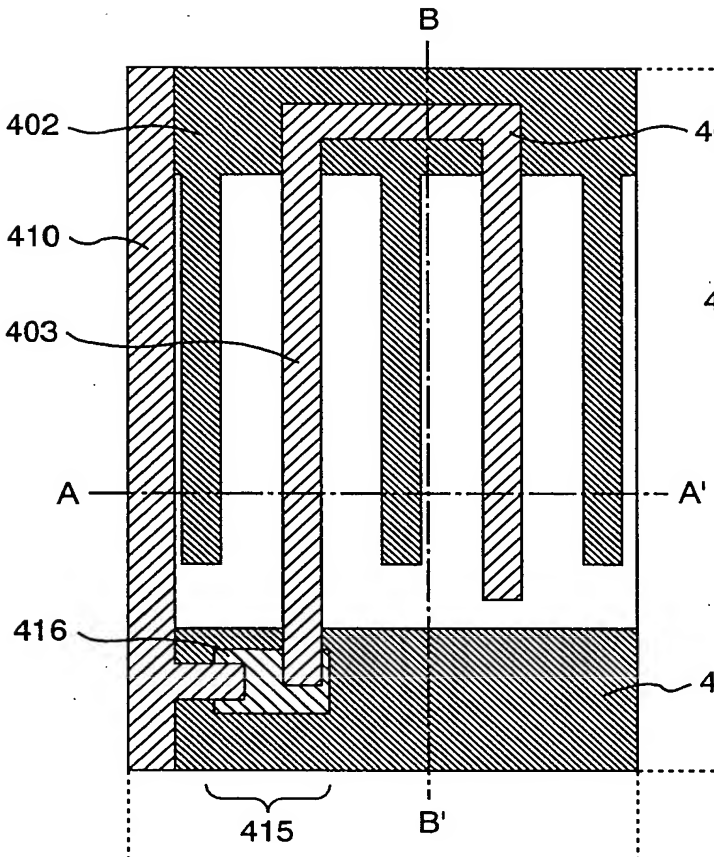

FIG. 4c

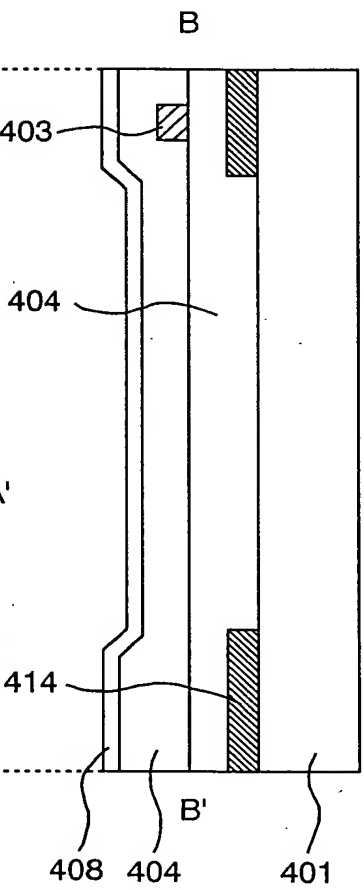

FIG. 4b

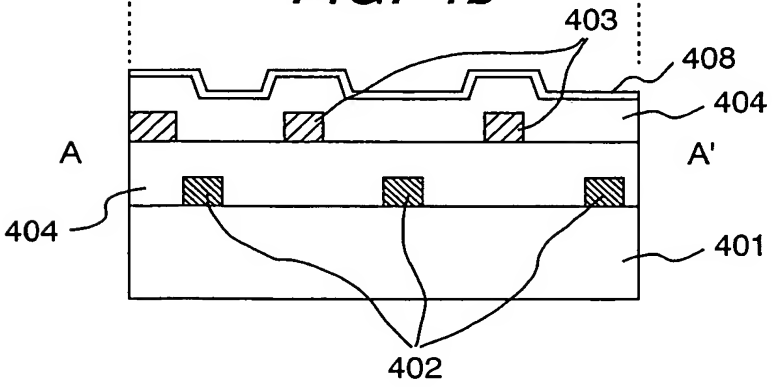

FIG. 5a

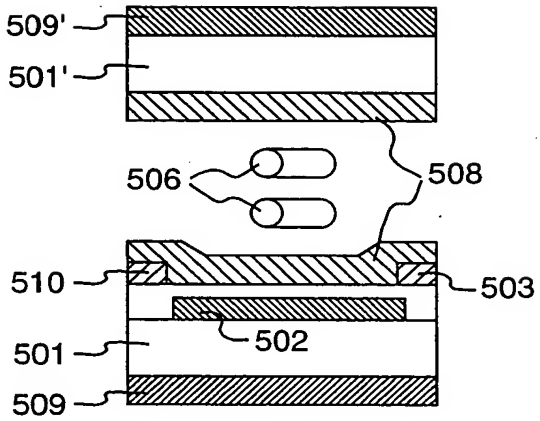

FIG. 5b

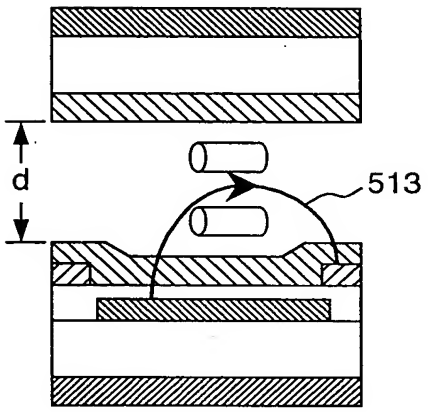

FIG. 5c

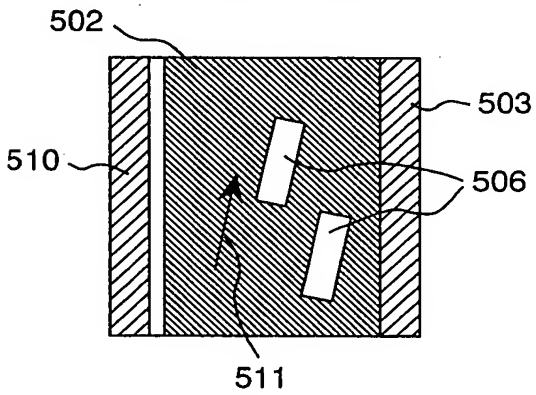

FIG. 5d

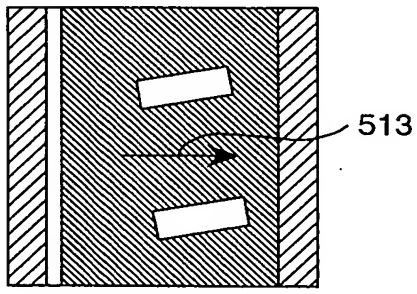

FIG. 6a

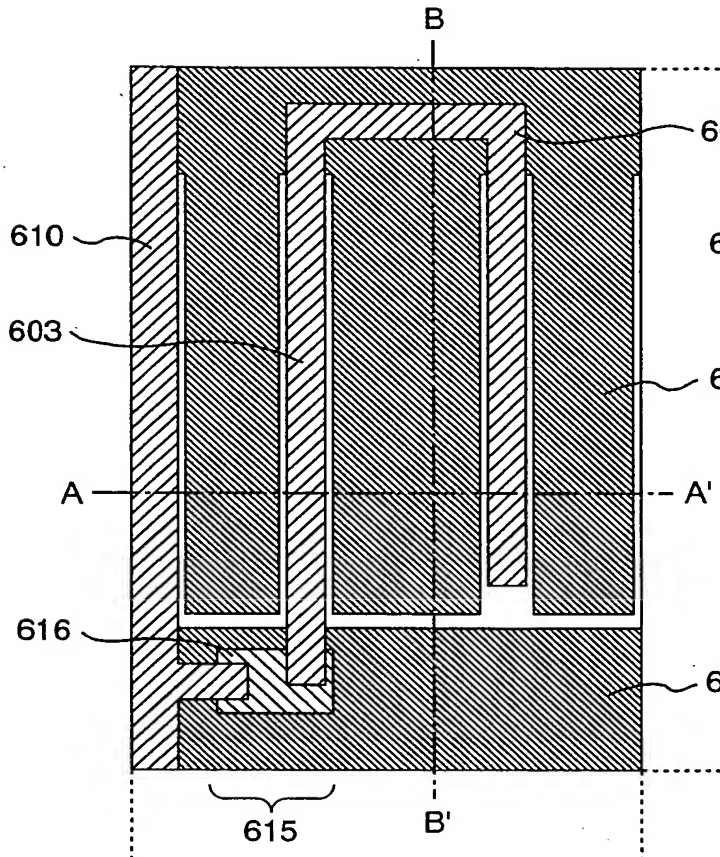

FIG. 6c

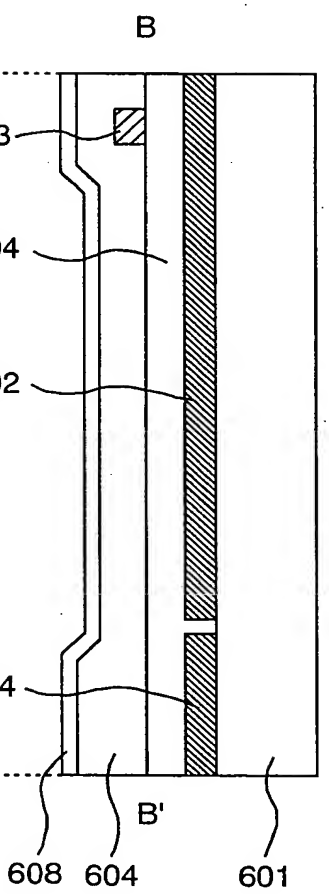

FIG. 6b

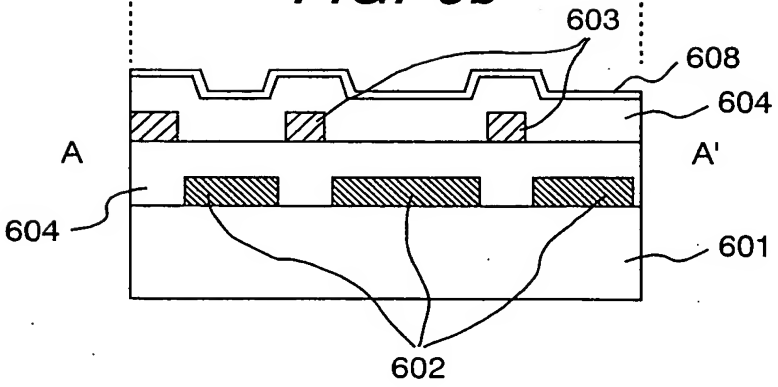

FIG. 7a

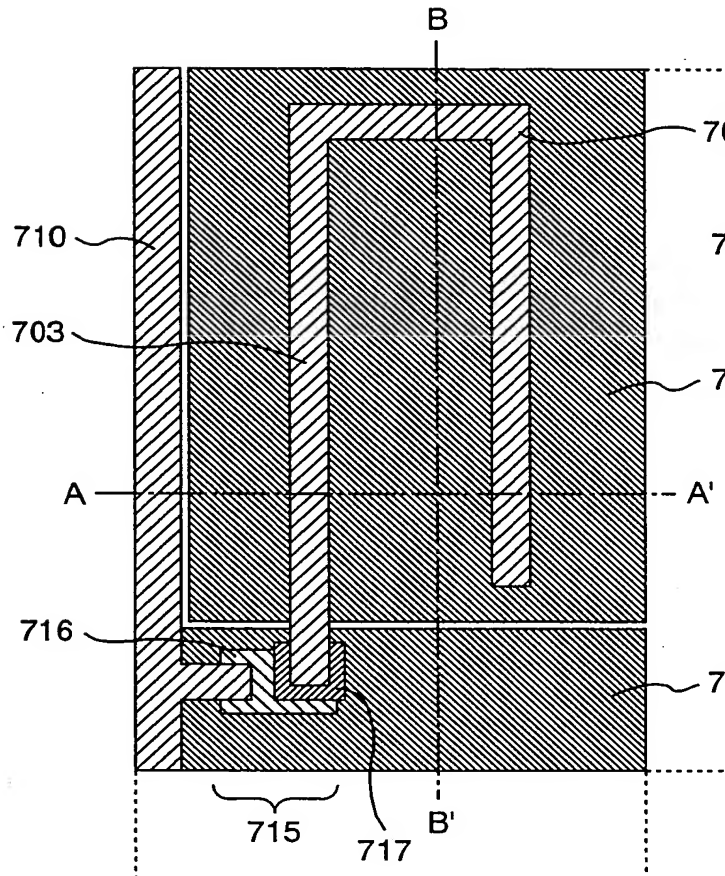

FIG. 7c

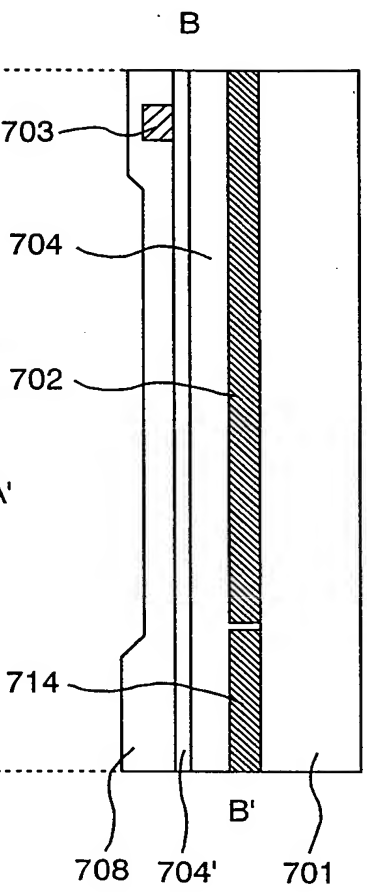

FIG. 7b

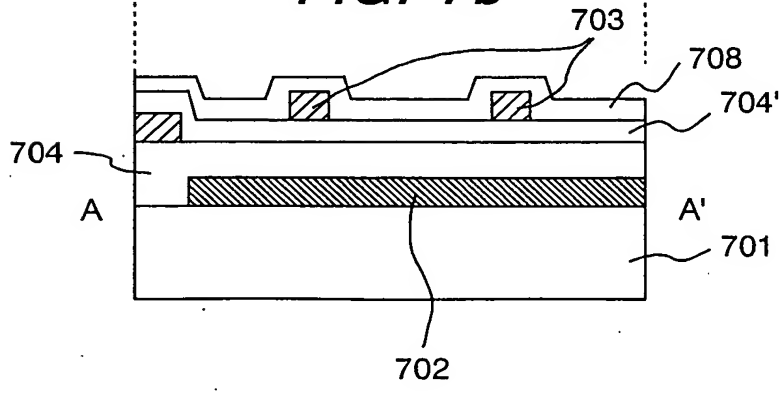

FIG. 8

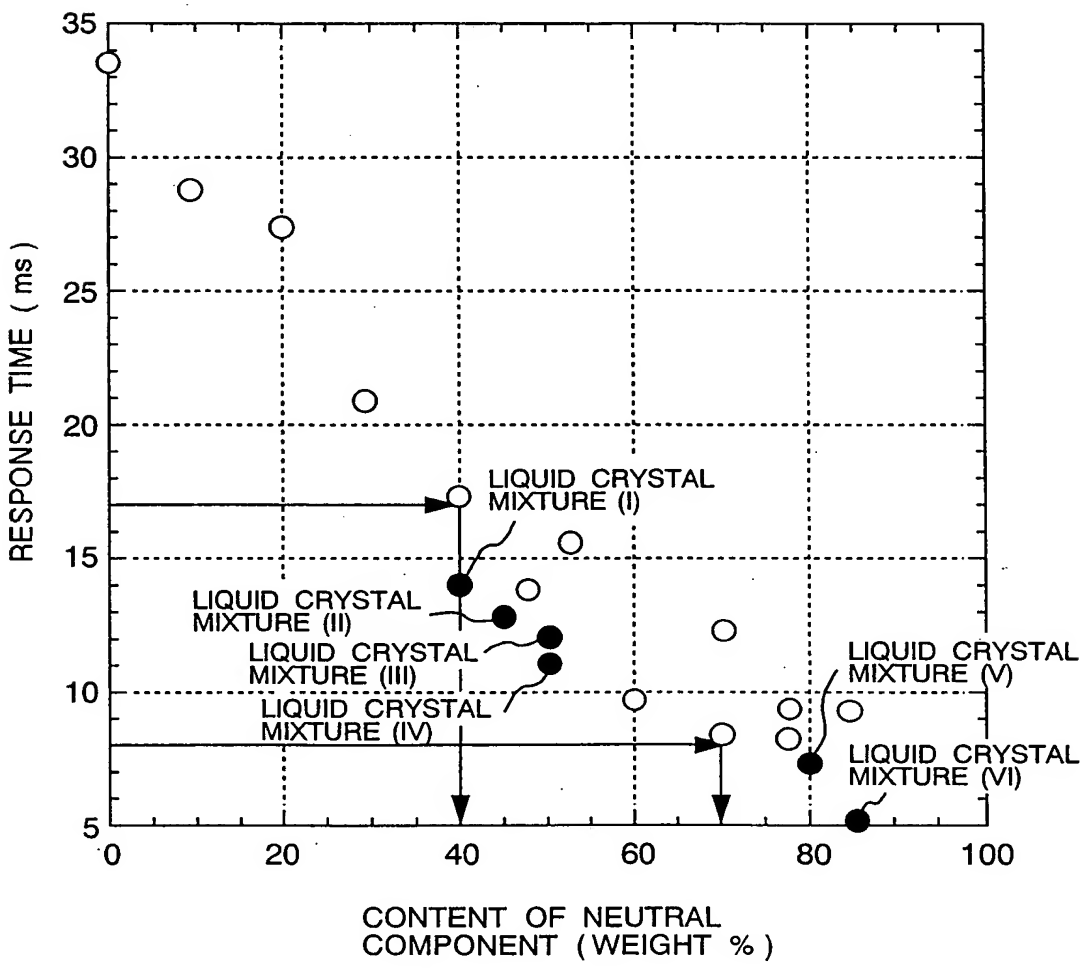
35
30
25
20
15
10
5
RESPONSE TIME (ms)
0
20
40
60
80
100
CONTENT OF NEUTRAL COMPONENT (WEIGHT %)
LIQUID CRYSTAL MIXTURE (I)
LIQUID CRYSTAL MIXTURE (II)
LIQUID CRYSTAL MIXTURE (III)
LIQUID CRYSTAL MIXTURE (IV)
LIQUID CRYSTAL MIXTURE (V)
LIQUID CRYSTAL MIXTURE (VI)

FIG. 9

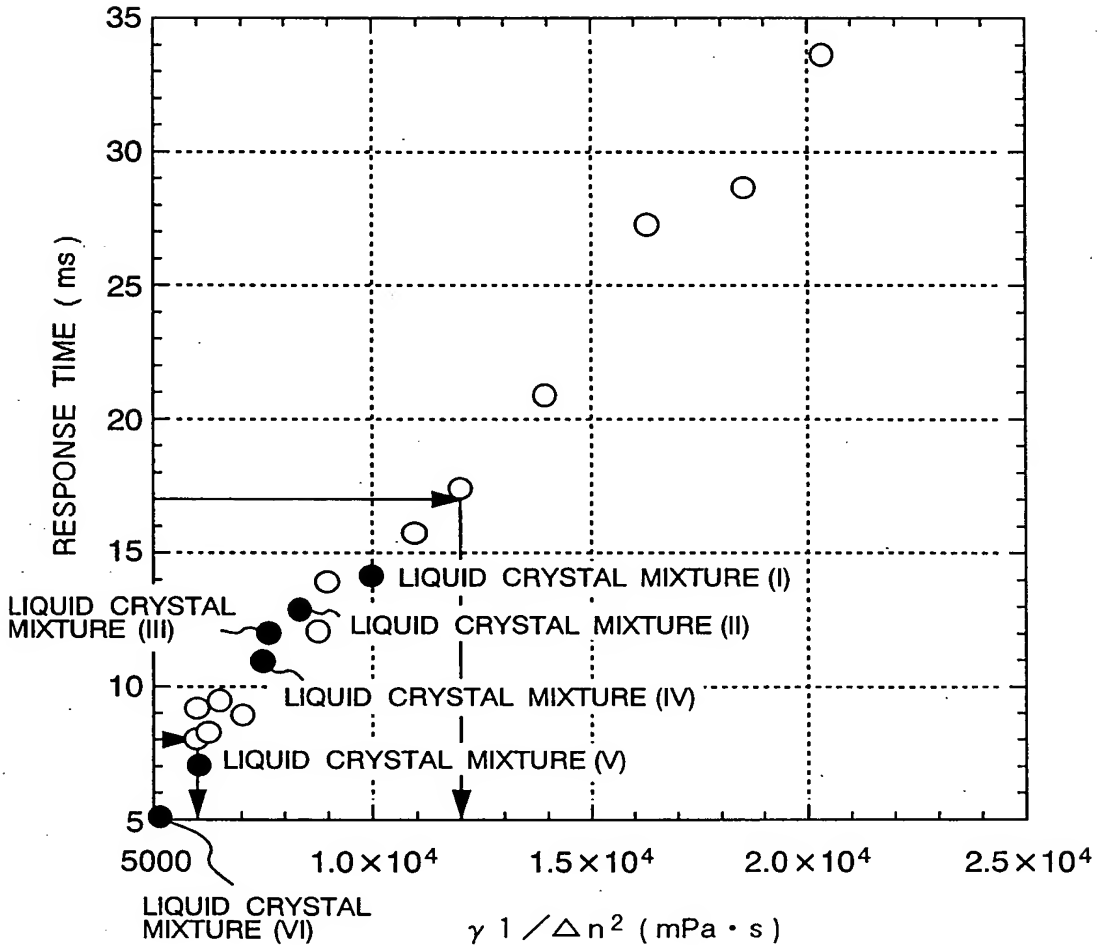
35
30
25
20
15
10
5
RESPONSE TIME (ms)
LIQUID CRYSTAL MIXTURE (I)
LIQUID CRYSTAL MIXTURE (III)
LIQUID CRYSTAL MIXTURE (II)
LIQUID CRYSTAL MIXTURE (IV)
LIQUID CRYSTAL MIXTURE (V)
5000
LIQUID CRYSTAL MIXTURE (VI)
1.0×10⁴
1.5×10⁴
2.0×10⁴
2.5×10⁴
γ 1 ／△n² (mPa・s)

FIG. 10

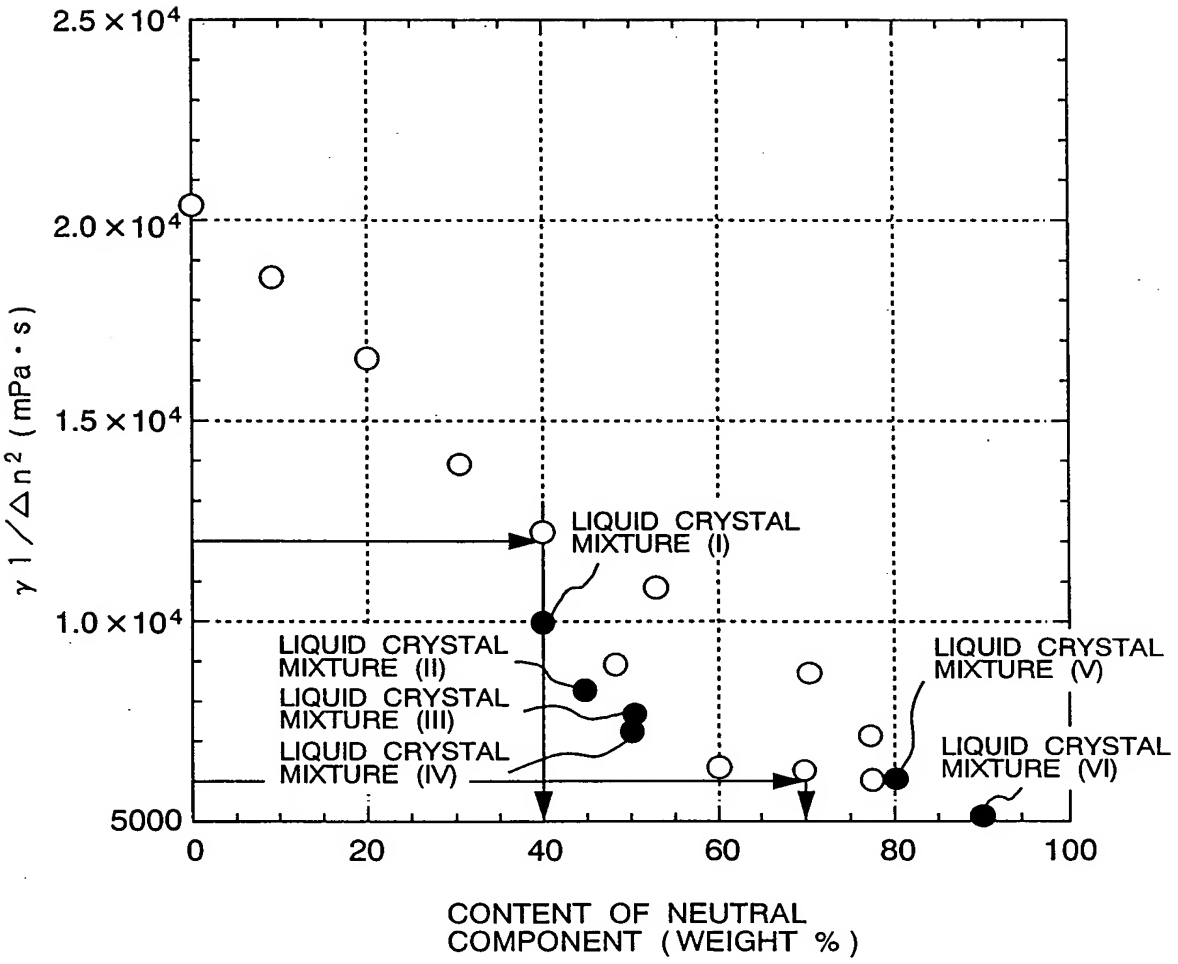
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5000
γ1/Δn² (mPa·s)
0
20
40
60
80
100
CONTENT OF NEUTRAL COMPONENT (WEIGHT %)
LIQUID CRYSTAL MIXTURE (I)
LIQUID CRYSTAL MIXTURE (II)
LIQUID CRYSTAL MIXTURE (III)
LIQUID CRYSTAL MIXTURE (IV)
LIQUID CRYSTAL MIXTURE (V)
LIQUID CRYSTAL MIXTURE (VI)

FIG. 11

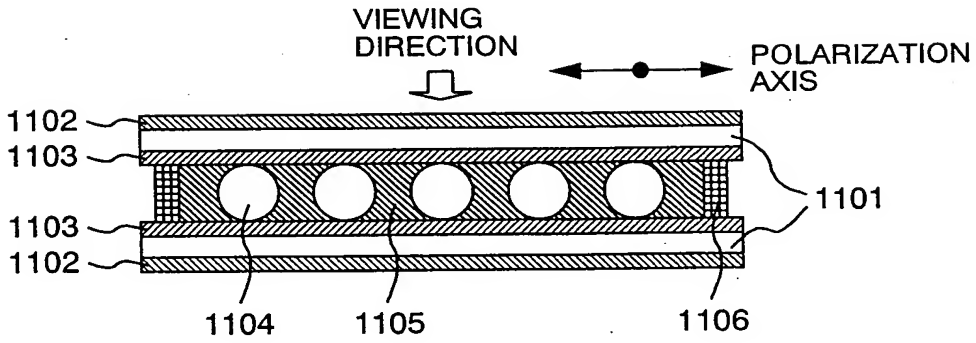

FIG. 12a FIG. 12b FIG. 12c

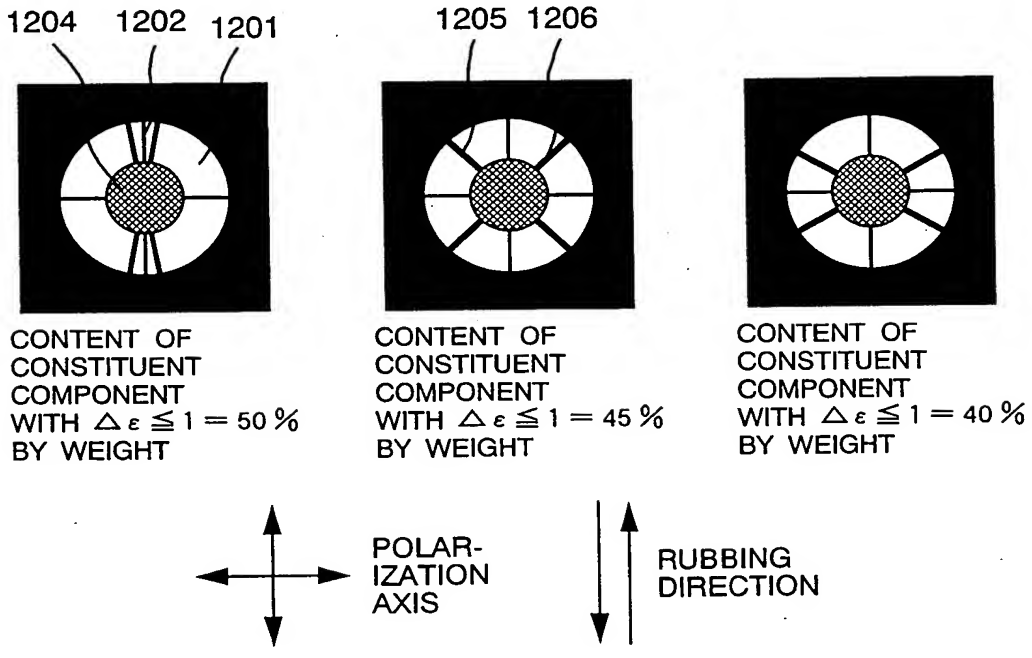

FIG. 13a FIG. 13b FIG. 13c

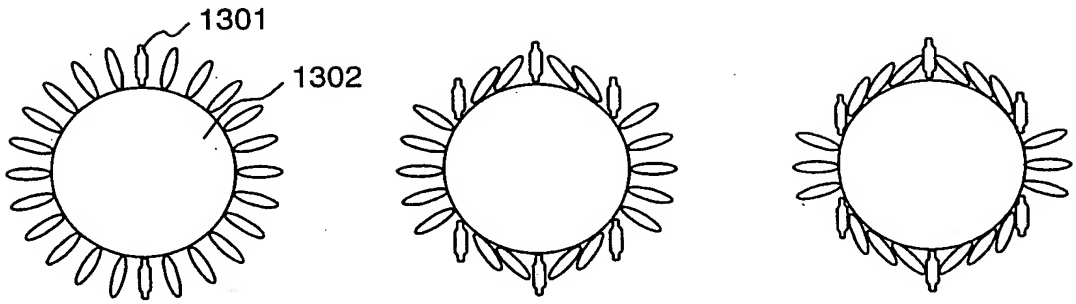

FIG. 14

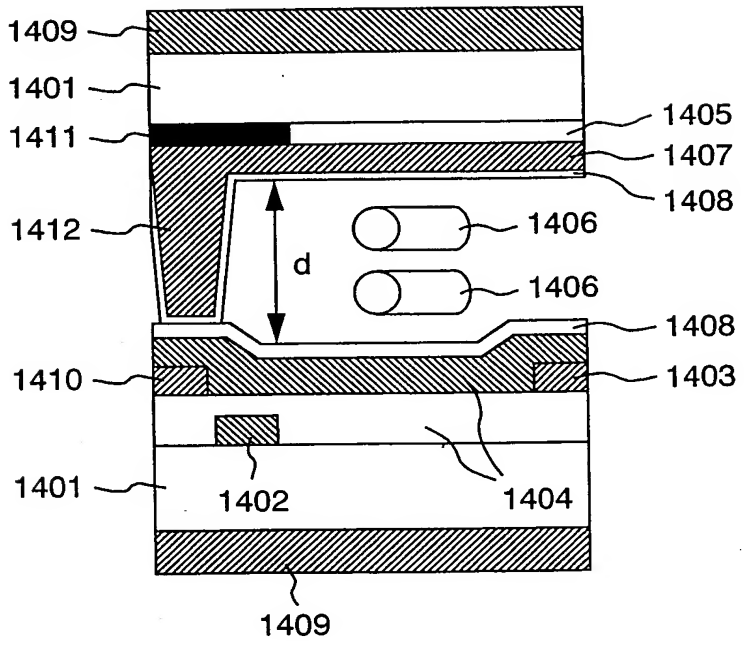

FIG. 15

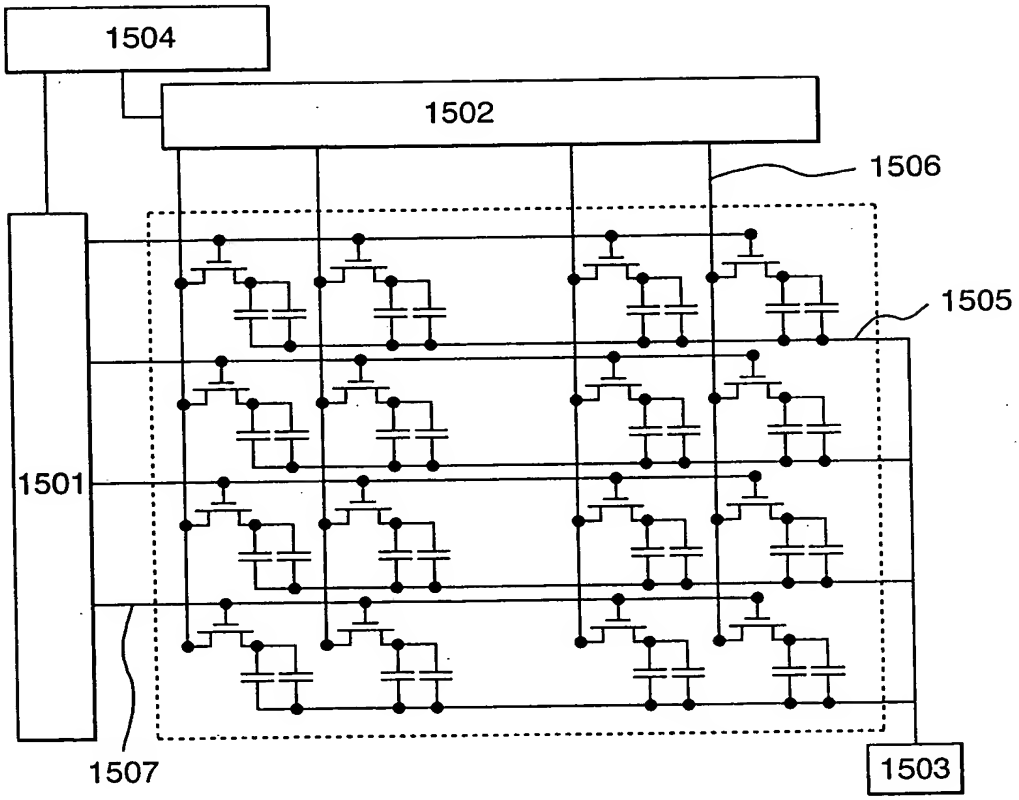

FIG. 16

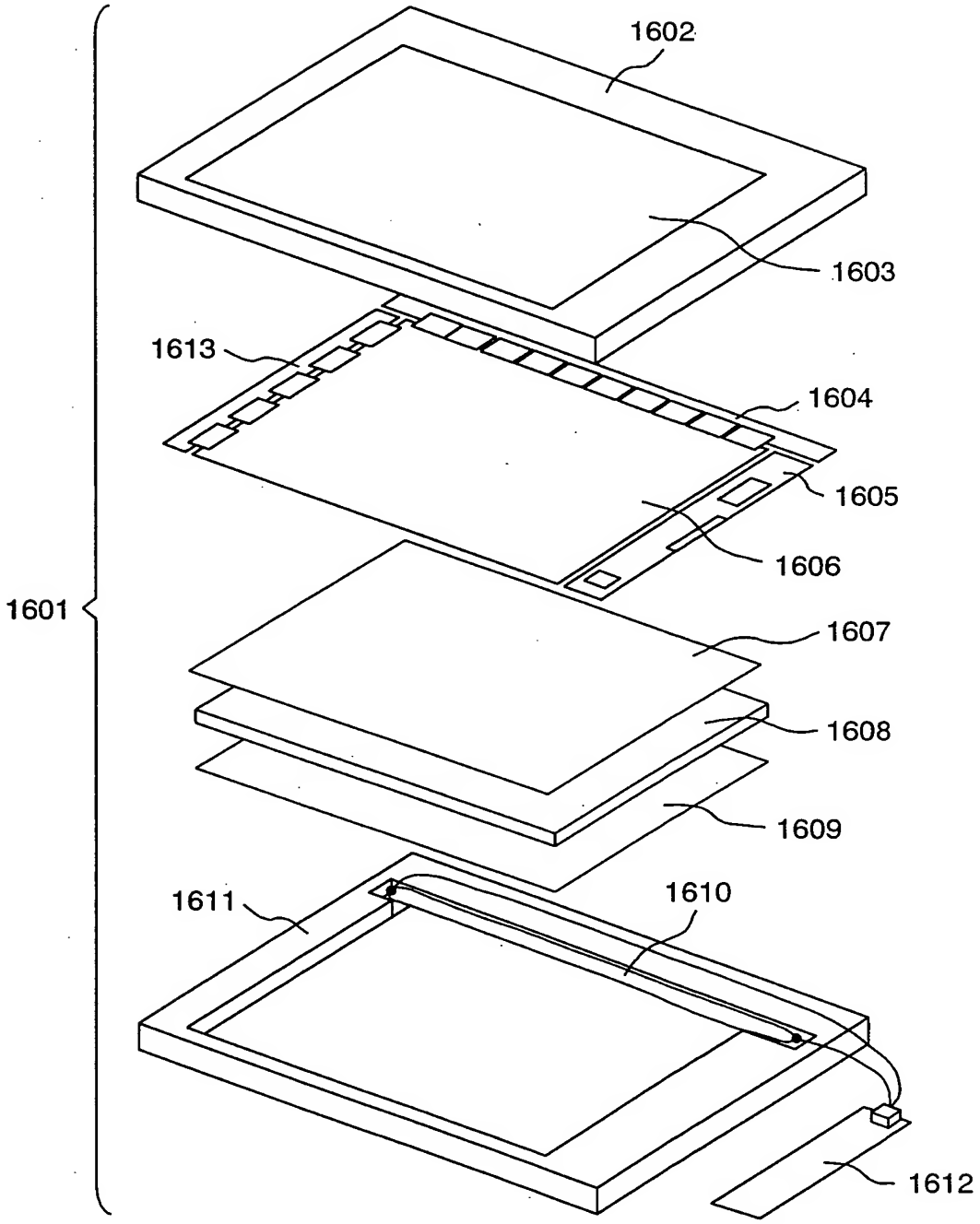
1602
1603
1613
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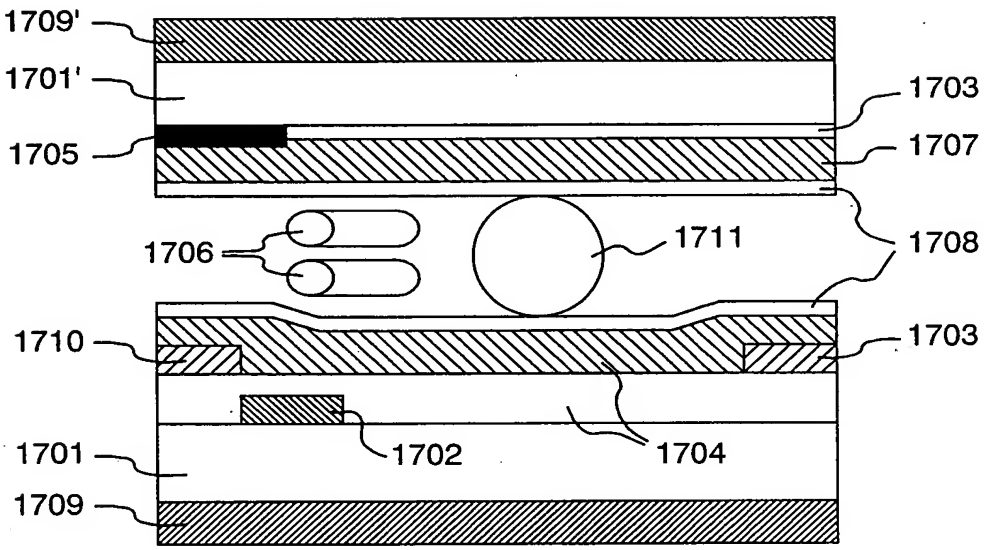
FIG. 17


1709'
1701'
1705
1703
1707
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1710
1703
1701
1702
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1709